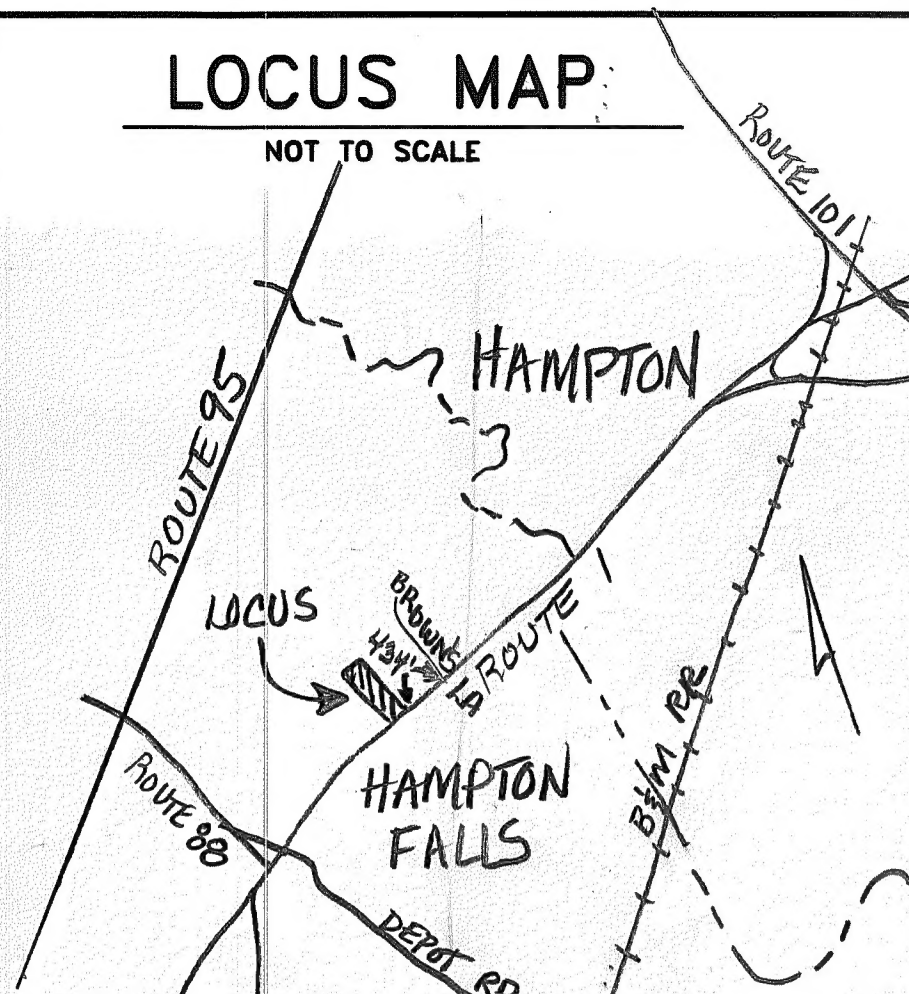


LOCUS MAP

NOT TO SCALE



SOIL CLASS: 313 DEERFIELD

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET HUB EL 20.00

#2 SET NAIL 8" PINE EL 21.35

#3 TOP OF SET STK EL 20.28

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 16" ABOVE EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = EL 20).

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION

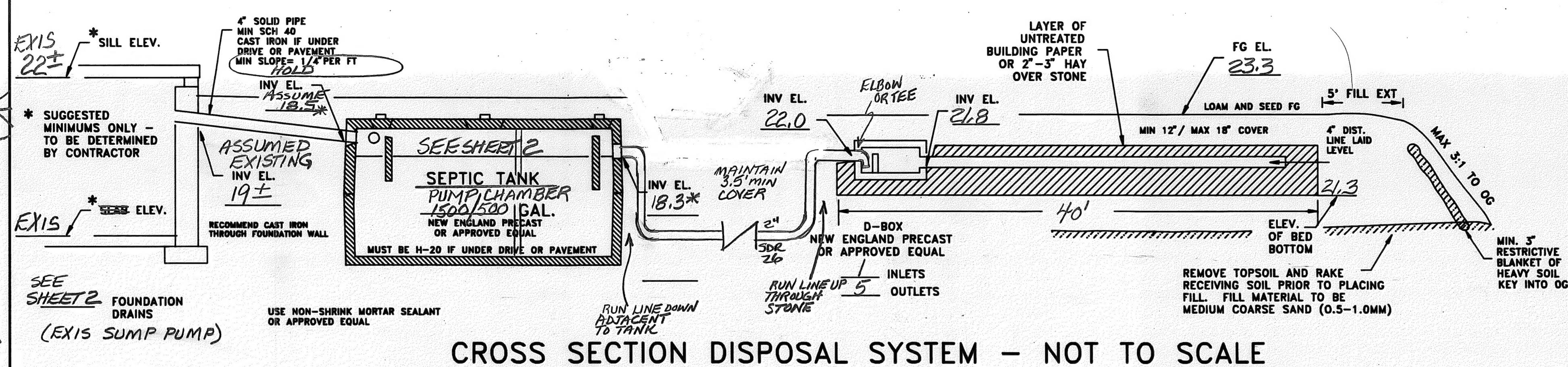
NOTES:

- THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD 2270-0597
RCRD 456-102, RCRD 493-266
- NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER:
N/A LOT OF RECORD
- THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
- NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.

SEE SHEET 2

PLOT PLAN

1"=APPROX



CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

TEST PIT DATA

DATE: 6/5/95

TOWN INSPECTOR: MIKE CUOMO

- #1 EL 19.9
0-10" LOAM & MAT
10-22" 10YR 5/6 SLIGHTLY LOAMY FINE SAND GRAN FRIABLE
21-72" 2.5Y 6/4 FINE SAND, MOTTLLED
ESHW @ 21", OBS H₂O @ 44", ROOTS TO 21", NO REFUSAL
- #2 EL 19.6
0-9" LOAM & ROOT MAT
9-32" 10YR 6/6 FINE SAND (SLIGHTLY LOAMY TO 18") GRAN. FRI.
32"-84" 2.5Y 6/3 FINE SAND, GRAN. FRIABLE, MOTTLLED
ESHW @ 32", OBS H₂O @ 6", ROOTS TO 32", NO REFUSAL

#3 EL 20.0
SAME AS #2
ESHW @ 32", NO REFUSAL

- #4 EL 19.9
0-10" LOAM & MAT
10-22" 10YR 5/6 SLIGHTLY LOAMY FINE SAND, GRAN. FRI.
22"-72" 2.5Y 6/4 FINE SAND, MOTTLLED
ESHW @ 22", NO REFUSAL, ROOTS TO 36", OBS H₂O @ 4'

PERC TEST DATA

DATE: 6/5/95

PERC RATE: 2 MIN/IN DEPTH: 24"

EXISTING LOADING: DUPLEX - 2x2 BR = 4 BEDROOMS

AREA REQUIRED: 750 SF x 1.25 = 938 SF REQUIRED

AREA PROPOSED: 25' x 40' = 1,000 SF PROVIDED
FORMER KENNEL USE TO BE ABANDONED

PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN

(EXISTING FAILED SYSTEM)

LOCUS: 120 LAFAYETTE ROAD

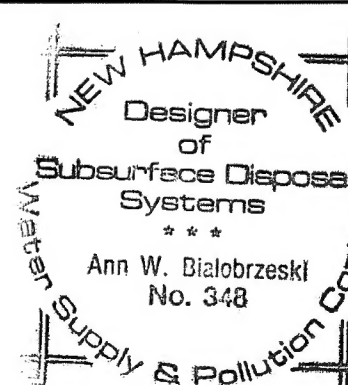
HAMPTON FALLS, NH

SHEET 1 OF 2 SHEETS

OWNER: JOHN DORR

120 LAFAYETTE RD

HAMPTON FALLS, NH 03844

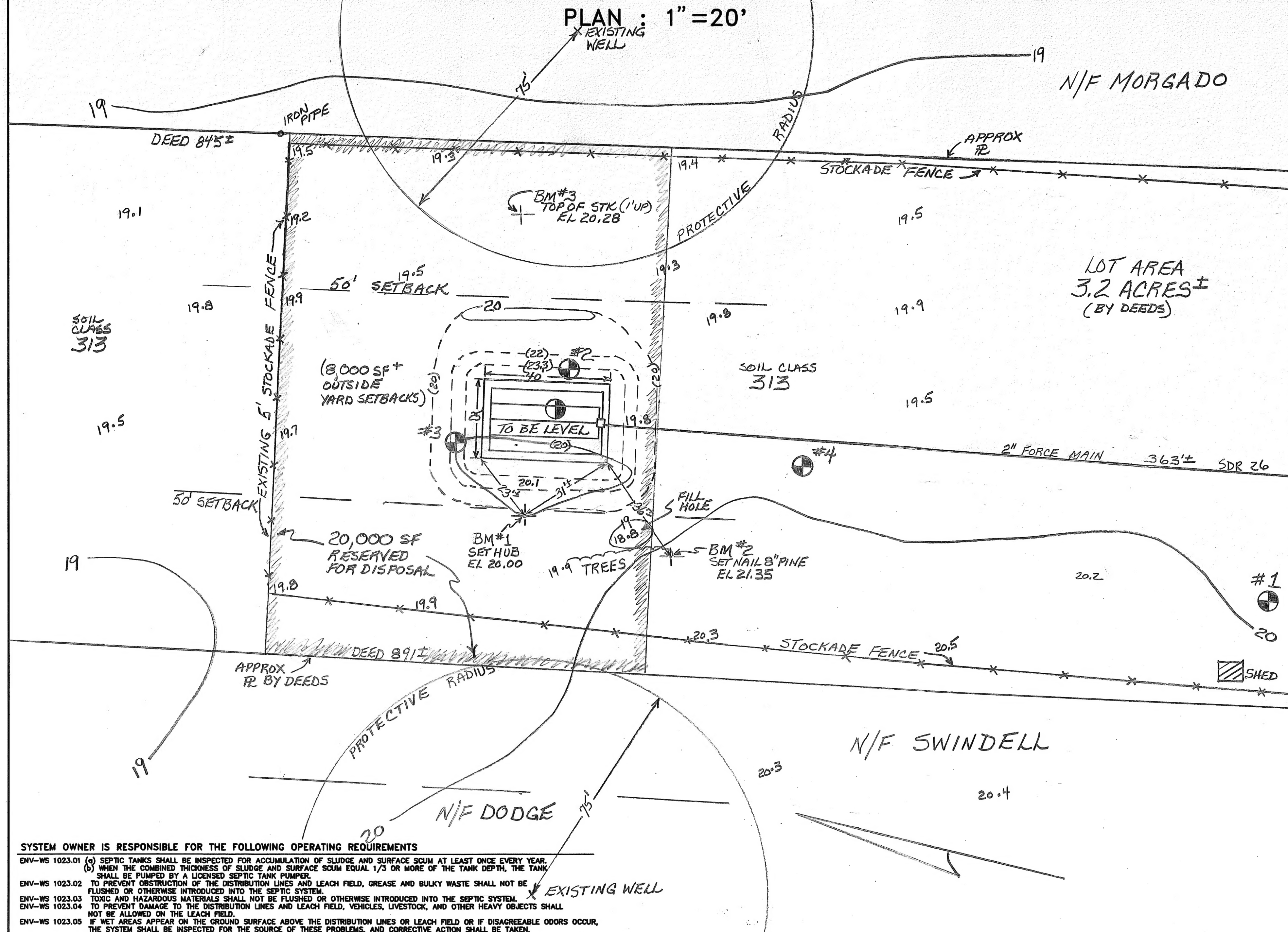


APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 6/14/95

APPROVAL: CA1995003006

210 SHEET 1 OF 2



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

- ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
- ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
- ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
- ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
- ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

NEW ENGLAND PRECAST 1500 GAL/500 GAL
COMBINATION PUMP TANK (OR APPROVED EQUAL)

OR APPROVED EQUAL
W/ HIGH WATER ALARM (HOUSED IN BLDG)

ALL ELECTRICAL CONTROLS TO BE APPROVED BY
MANUFACTURER

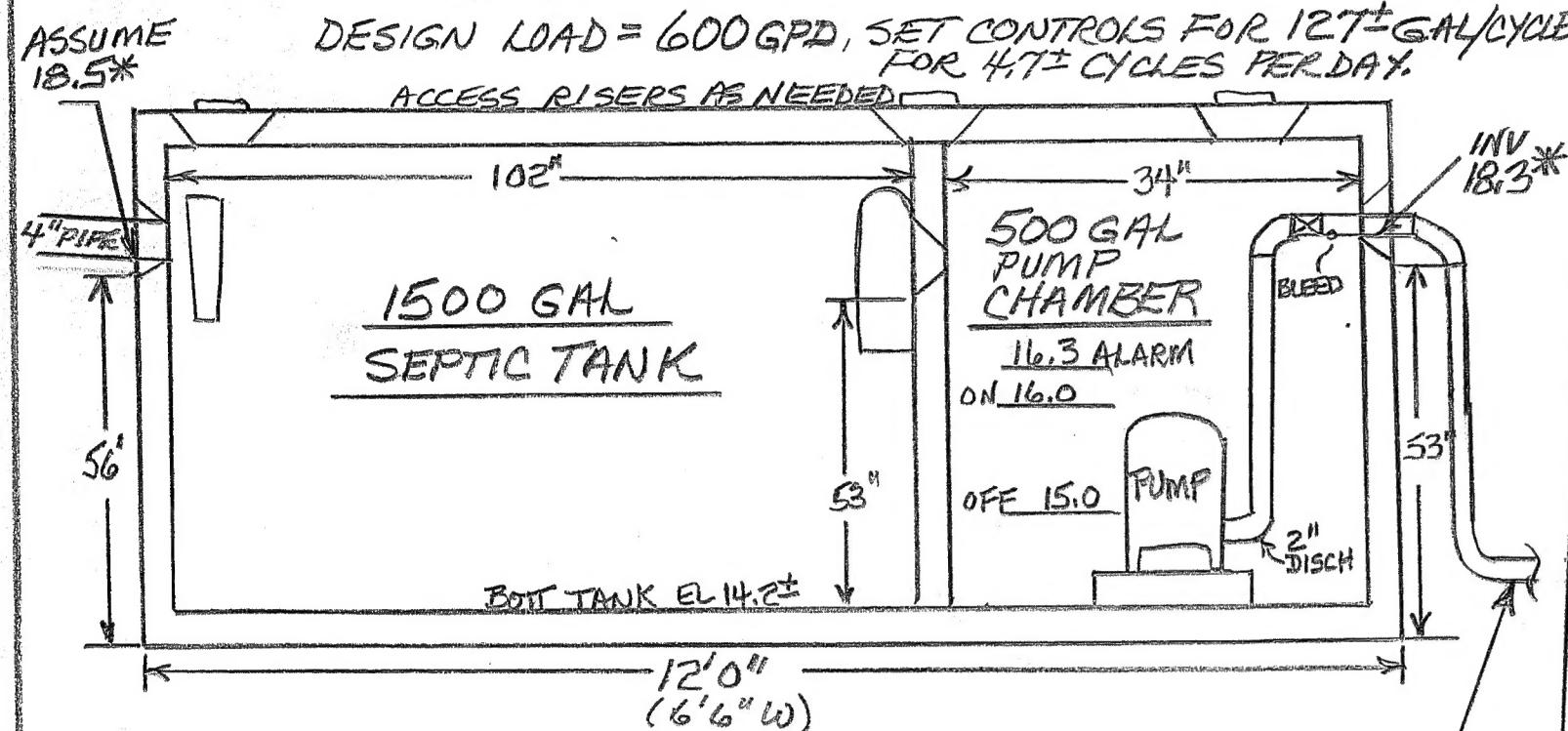
$$\pm \text{LIFT} = 7' \pm$$

$$\pm \text{FRICTION LOSS} = 14' \text{ (USE 380' SDR 26)}$$

EST. TDH = 21' PUMP CAPACITY AT 21' TDH = 55 GPM

DESIGN LOAD = 600 GPD, SET CONTROLS FOR $12\frac{1}{2}$ GAL/CYCLE
FOR $4.7\pm$ CYCLES PER DAY.

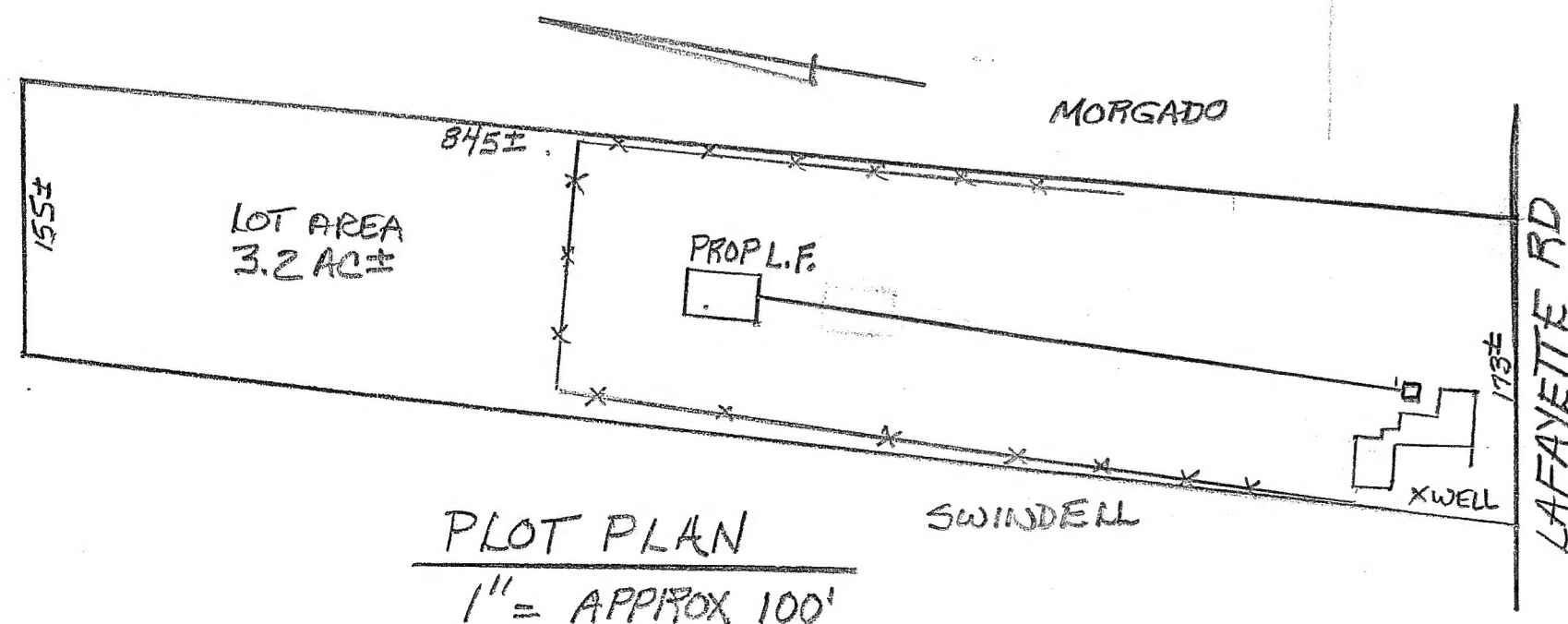
ACCESS RISERS AS NEEDED



DETAIL - NOT TO SCALE

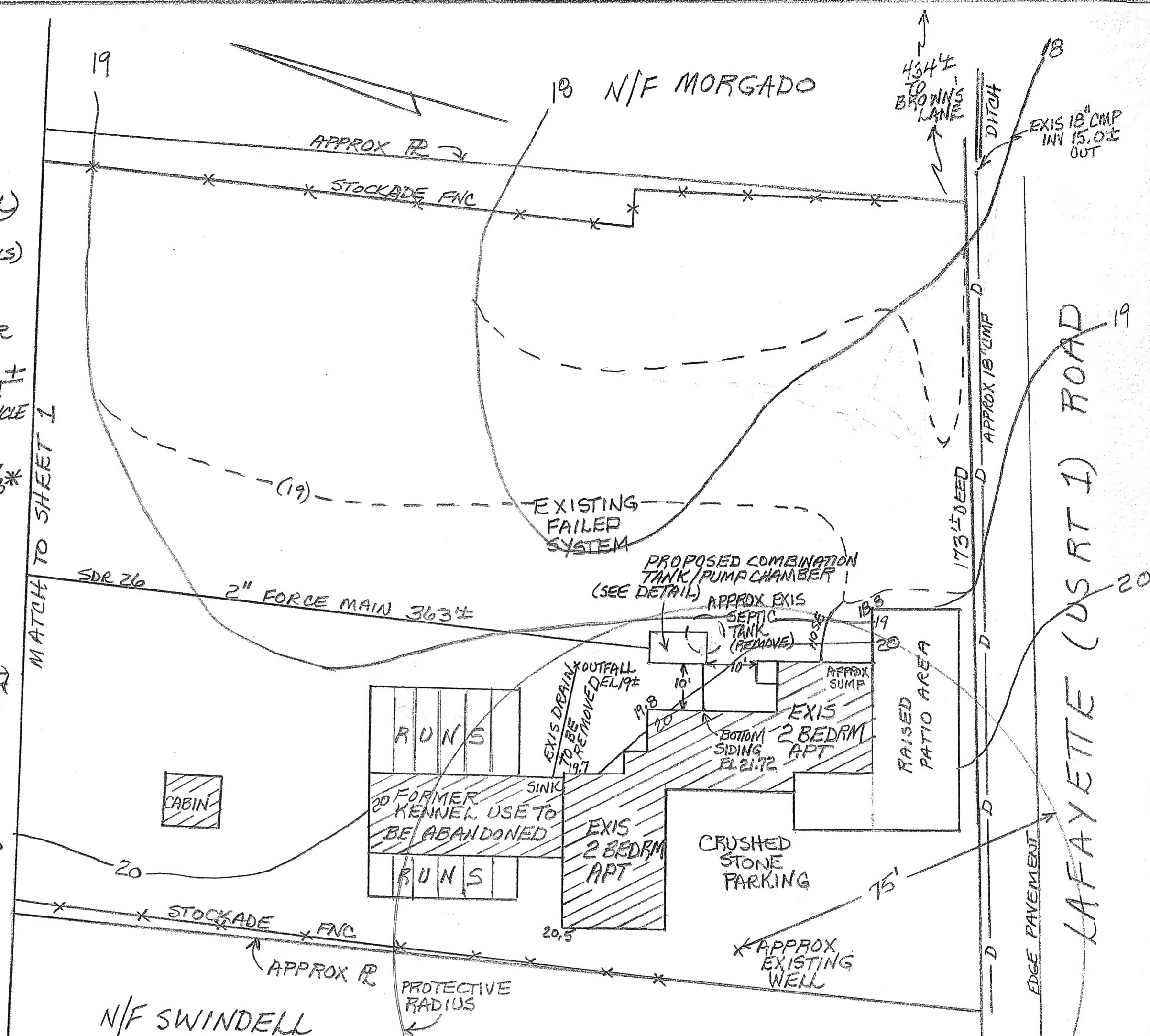
NOTE 1: IF EXIS SEPTIC TANK IS FOUND TO BE AT LEAST 1,000 GAL CAPACITY AND IN GOOD WORKING CONDITION, PLAN MAY BE AMENDED TO RETAIN EXIS TANK AS FIRST IN SERIES TO BE FOLLOWED BY NEW ENGLAND PRECAST 1,000 GAL/500 GAL COMBINATION PUMP TANK.

FORCE MAIN
TO BE SDR 26
OR EQUAL-
RUN BELOW
FROST LINE

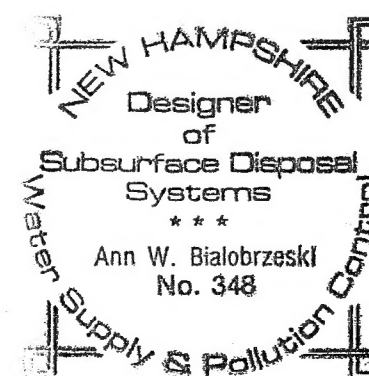


PLOT PLAN

1" = APPROX 100'



PLAN VIEW: 1" = 20'



PROPOSED REPLACEMENT
SEPTIC SYSTEM PLAN
120 LAFAYETTE ROAD
HAMPTON FALLS, NH

OWNER: JOHN DORR
120 LAFAYETTE RD
HAMPTON FALLS, NH 03844

APPLICANT: STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843
6/14/95